

Amendment and Response

Applicant: Joo-Sang Lee

Serial No.: 10/672,244

Filed: September 25, 2003

Docket No.: I331.104.101/ IO030908PUS

Title: MEMORY SYSTEM WITH REDUCED REFRESH CURRENT

REMARKS

The following remarks are made in response to the Office Action mailed July 14, 2004. Claims 1-20 were rejected. Claims 17-19 have been objected to. With this Response, claims 1, 10, 17, and 20 have been amended. Claims 1-20 remain pending in the application and are presented for reconsideration and allowance.

Objection to the Specification

The Examiner objected to the disclosure because of informalities on page 5, line 12. The word “and” should be “an.” With the Amendment, the specification has been accordingly corrected.

The Examiner has objected to the specification as failing to provide antecedent basis for the claimed subject matter. The two phrases cited by the Examiner have now been removed from the claims.

Consequently, Applicant has now amended the specification and believes the application is in order for allowance.

Applicant has amended the specification and believes the application is in order for allowance.

Claim Rejections under 35 U.S.C. § 112

The Examiner has rejected claims 1-16 and 20 under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention. The Examiner stated that “the memory bank” lacks antecedent basis and that “refresh commands” and “the refresh command” are not consistent.

With this Amendment, Applicant has corrected the antecedent basis and replaced “the memory bank” with “the memory array” such that antecedent basis is properly provided in claims 1 and 20. In addition, the phrase “refresh commands” has been replaced with “a refresh command” such that it is now clear that a single refresh command was intended in claims 1, 10, and 20.

Amendment and Response

Applicant: Joo-Sang Lee

Serial No.: 10/672,244

Filed: September 25, 2003

Docket No.: I331.104.101/ IO030908PUS

Title: MEMORY SYSTEM WITH REDUCED REFRESH CURRENT

In view of the above, claims 1-16 and 20 are believed to be in form for allowance. Therefore, Applicant respectfully requests that rejections to these claims under 35 U.S.C. § 112, second paragraph, be reconsidered, and that the rejections be removed and these claims be allowed.

Allowable Subject Matter

The Examiner stated claims 17-19 would be allowable when proper antecedent basis for the claimed subject matter is provided. Now that proper antecedent basis has been provided, claims 17-19 are allowable.

The Examiner objected to claims 1-16 and 20 but would be allowable if rewritten to overcome the rejections(s) under 35 U.S.C. § 112, second paragraph, set for in this Office Action and to include all of the limitations of the base claim and any intervening claims. Now that claims 1, 10, and 20 have been rewritten to overcome the rejections, they are also in condition for allowance.

CONCLUSION

In view of the above, Applicant respectfully submits that pending claims 1-20 are in form for allowance and are not taught or suggested by the cited references. Therefore, reconsideration and withdrawal of the rejections and allowance of claims 1-20 is respectfully requested.

No fees are required under 37 C.F.R. 1.16(b)(c). However, if such fees are required, the Patent Office is hereby authorized to charge Deposit Account No. 50-0471.

Amendment and Response

Applicant: Joo-Sang Lee

Serial No.: 10/672,244

Filed: September 25, 2003

Docket No.: I331.104.101/ IO030908PUS

Title: MEMORY SYSTEM WITH REDUCED REFRESH CURRENT

The Examiner is invited to contact the Applicant's representative at the below-listed telephone numbers to facilitate prosecution of this application.

Respectfully submitted,

Joo-Sang Lee,

By his attorneys,

DICKE, BILLIG & CZAJA, PLLC

Fifth Street Towers, Suite 2250

100 South Fifth Street

Minneapolis, MN 55402

Telephone: (612) 767-2502

Facsimile: (612) 573-2005

Date: 9/27/04

PPK:cmj


Paul P. Kempf

Reg. No. 39,727

CERTIFICATE UNDER 37 C.F.R. 1.8: The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service, as first class mail, in an envelope address to, Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 27th day of September, 2004.

By 

Name: Paul P. Kempf